

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-39. (Canceled)

40. (Canceled)

41. (Currently Amended) ~~The method of Claim 40~~ A method of treating Alzheimer's disease in a living being comprising administering to the living being a therapeutic amount of an anti-microbial agent, wherein the antimicrobial agent is a macrolide, and further wherein the macrolide is selected from the group consisting of azithromycin, clarithromycin, dirithromycin, erythromycin and troleandomycin.

42. (Previously Presented) The method of Claim 41 wherein the macrolide is azithromycin.

43. (Previously Presented) A method of treating Alzheimer's disease in a living being comprising administering to the living being a therapeutic amount of an anti-microbial agent, wherein the antimicrobial agent is a fluoroquinolone.

44. (Previously Presented) The method of Claim 43 wherein the fluoroquinolone is selected from the group consisting of ciprofloxacin and ofloxacin.

45. (Previously Presented) A method of treating Alzheimer's disease in a living being comprising administering to the living being a therapeutic amount of an anti-microbial agent, wherein the antimicrobial agent is a sulfonamide.

46. (Previously Presented) A method of treating Alzheimer's disease in a living being comprising administering to the living being a therapeutic amount of an anti-microbial agent, wherein the antimicrobial agent comprises both sulfamethoxazole and trimethoprim.

47. (Previously Presented) The method of Claim 44 wherein the antimicrobial agent is ciprofloxacin.

48. (Previously Presented) The method of Claim 44 wherein the antimicrobial agent is ofloxacin.

49. (Canceled)

50. (Canceled)

51. (Canceled)

52. (Canceled)

53. (Currently Amended) ~~The method of Claim 52~~ A method of treating Alzheimer's disease in a living being comprising administering to the living being a therapeutic amount of an anti-microbial agent and an anti-inflammatory agent wherein the antimicrobial agent is a macrolide, and further wherein the macrolide is selected from the group consisting of azithromycin, clarithromycin, dirithromycin, erythromycin and troleandomycin.

54. (Previously Presented) The method of Claim 53 wherein the macrolide is azithromycin.

55. (Previously Presented) A method of treating Alzheimer's disease in a living being comprising administering to the living being a therapeutic amount of an anti-microbial agent and an anti-inflammatory agent wherein the antimicrobial agent is a fluoroquinolone.

56. (Previously Presented) The method of Claim 55 wherein the fluoroquinolone is selected from the group consisting of ciprofloxacin and ofloxacin.

57. (Previously Presented) A method of treating Alzheimer's disease in a living being comprising administering to the living being a therapeutic amount of an anti-microbial agent and an anti-inflammatory agent wherein the antimicrobial agent is a sulfonamide.

58. (Previously Presented) A method of treating Alzheimer's disease in a living being comprising administering to the living being a therapeutic amount of an anti-microbial agent and an anti-inflammatory agent wherein the antimicrobial agent comprises both sulfamethoxazole and trimethoprim.

59. (Previously Presented) The method of Claim 56 wherein the antimicrobial agent is ciprofloxacin.

60. (Previously Presented) The method of Claim 56 wherein the antimicrobial agent is ofloxacin.

61. (Canceled)

62. (Canceled)